

FORM PTO-1449

ATTY. DOCKET NO. 0942.4770003

APPLICATION NO. 09/227,742

APPLICANT Bloom et al.

FILING DATE January 8, 1999

GROUP 1636

INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
007	AA1 3,843,453	10/22/1974	Freake, R.	495 435	403-5 39	03/02/1973
	AB1 4,038,143	07/26/1977	Juni, E.	495 435	100 37	08/15/1975
	AC1 4,446,230	05/01/1984	Zubrzycki, L.J.	435	6	10/30/1981
	AD1 4,520,019	05/28/1985	Ribi, E.E., et al.	424	195.1	03/19/1984
	AE1 4,681,852	07/21/1987	Tribe, D.E.	435	108	01/18/1983
	AF1 4,808,404	02/28/1989	Bhogal, B.S.	424	88	01/11/1988
	AG1 4,824,938	04/25/1989	Koyama, S., et al.	530	351	08/31/1987
	AH1 4,851,348	07/25/1989	Henahan, D.	435	252.33	07/16/1986
	AI1 4,891,319	01/02/1990	Roser, B.J.	435	188	07/09/1986
	AJ1 4,950,609	08/21/1990	Tischer, W., et al.	435	18	03/27/1986
008	AK1 4,981,797	01/01/1991	Jessee, J.A., et al.	435	122-252.8	11/14/1988

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
007	AL1 AU-A-27434/88	06/29/1989	Australia	---	---	Yes No
	AM1 EP 0 383 569 A2	08/22/1990	Europe	---	---	Yes No
	AN1 EP 0 508 496 A1	10/14/1992	Europe	---	---	Yes No
	AO1 WO 97/28248	08/07/1997	WIPO- PCT	---	---	Yes No
008	AP1 WO 97/36613	10/09/1997	WIPO- PCT	---	---	Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

20	AR	1	Adamczyk, Jr., J.J., "Treatment of PCR Products with Shrimp Alkaline Phosphatase and Exonuclease I," Editorial Comments 22:36,49 (1995)
	AS	1	Alexander, D.C., et al., "A simplified and efficient vector-primer cDNA cloning system," Gene 31:79-89 (1984)
008	AT	1	Anderson, D.M.W., and Dea, I.C.M., "Recent advances in the chemistry of Acacia gums," J. Soc. Cosmet. Chem. 22:61-76 (1971)

EXAMINER *Amefreel*

DATE CONSIDERED 9/17/99

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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ATTY. DOCKET NO.
0942.6770003

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APPLICANT
Bloom et al.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
dy	AA2	5,045,446	09/03/1991	Goodrich Jr., R.P., et al.	435	2	07/11/1989
	AB2	5,059,518	10/22/1991	Kortright, K.H., et al.	435	6	10/20/1988
	AC2	5,098,893	03/24/1992	Franks, F., et al.	514	54	02/12/1990
	AD2	5,149,656	09/22/1992	Bitton, G., et al.	435	288	05/03/1990
	AE2	5,292,507	03/08/1994	Charley, R.	424	93	09/14/1992
	AF2	5,425,951	06/20/1995	Goodrich, Jr., R.P., et al.	424	520	05/31/1991
dy	AG2	5,891,692	04/06/1999	Bloom, F.R., et al.	435	411	03/27/1997

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							Yes
							No
							Yes
							No
							Yes
							No
							Yes
							No
							Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

dy	AR	2	ATCC, <i>Bacteria and Bacteria and Bacteriophages</i> , 19 th Edition. Pages 152-153, 161, 188, 277, and 320 (1996)				
	AS	2	Bullock, W.O., et al., "XL1-Blue: A High Efficiency Plasmid Transforming <i>recA</i> <i>Escherichia coli</i> Strain With Beta-Galactosidase Selection," <i>BioTechniques</i> 5:376-378 (1987)				
dy	AT	2	Chung, C.T., et al., "One-step preparation of competent <i>Escherichia coli</i> : Transformation and storage of bacterial cells in the same solution," <i>Proc. Natl. Acad. Sci. USA</i> 86:2172-2175 (1989)				

EXAMINER *Stanford* DATE CONSIDERED *9/2/99*

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Citation (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	4	Crowe, J.H., et al., "Stabilization of dry phospholipid bilayers and proteins by sugars," <i>Biochem. J.</i> 242:1-10 (1987)	
AS	4	Dagert, M., and Ehrlich, S.D., "Prolonged Incubation in Calcium Chloride Improves the Competence of <i>Escherichia coli</i> Cells," <i>Gene</i> 6:23-28 (1979)	
AT	4	Danilevskaya, O.N., and Gragerov, A.I., "Curing of <i>Escherichia coli</i> K12 Plasmids by Coumermycin," <i>Mol. and Gen. Genet.</i> 178:233-235 (1980)	

EXAMINER

Stenlund

DATE CONSIDERED

9/17/99

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER INITIAL: AR DOCUMENT NUMBER: B DATE: 9/10/99 NAME: Grant & Hack's Chemical Dictionary. Grant, R.L., ed., McGraw-Hill, Inc., pp. 246, 346 (1987) CLASS: SUB-CLASS: FILING DATE:

EXAMINER INITIAL: AS DOCUMENT NUMBER: B DATE: 9/10/99 NAME: Gombos, Z., et al., "Unsaturation of fatty acids in membrane lipids enhances tolerance of the cyanobacterium Synechocystis PCC6803 to low-temperature photoinhibition," Proc. Natl. Acad. Sci. USA 89:9959-9963 (1992) CLASS: SUB-CLASS: FILING DATE:

EXAMINER INITIAL: AT DOCUMENT NUMBER: B DATE: 9/10/99 NAME: Green, J.L., and Angell, C.A., "Phase Relations and Vitrification in Saccharide-Water Solutions and the Trehalose Anomaly," J. Phys. Chem. 93:2880-2882 (1989) CLASS: SUB-CLASS: FILING DATE:

EXAMINER: Alvin J. Hall DATE CONSIDERED: 9/10/99

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